

Figure 1: (Prior Art) Tandem Connection

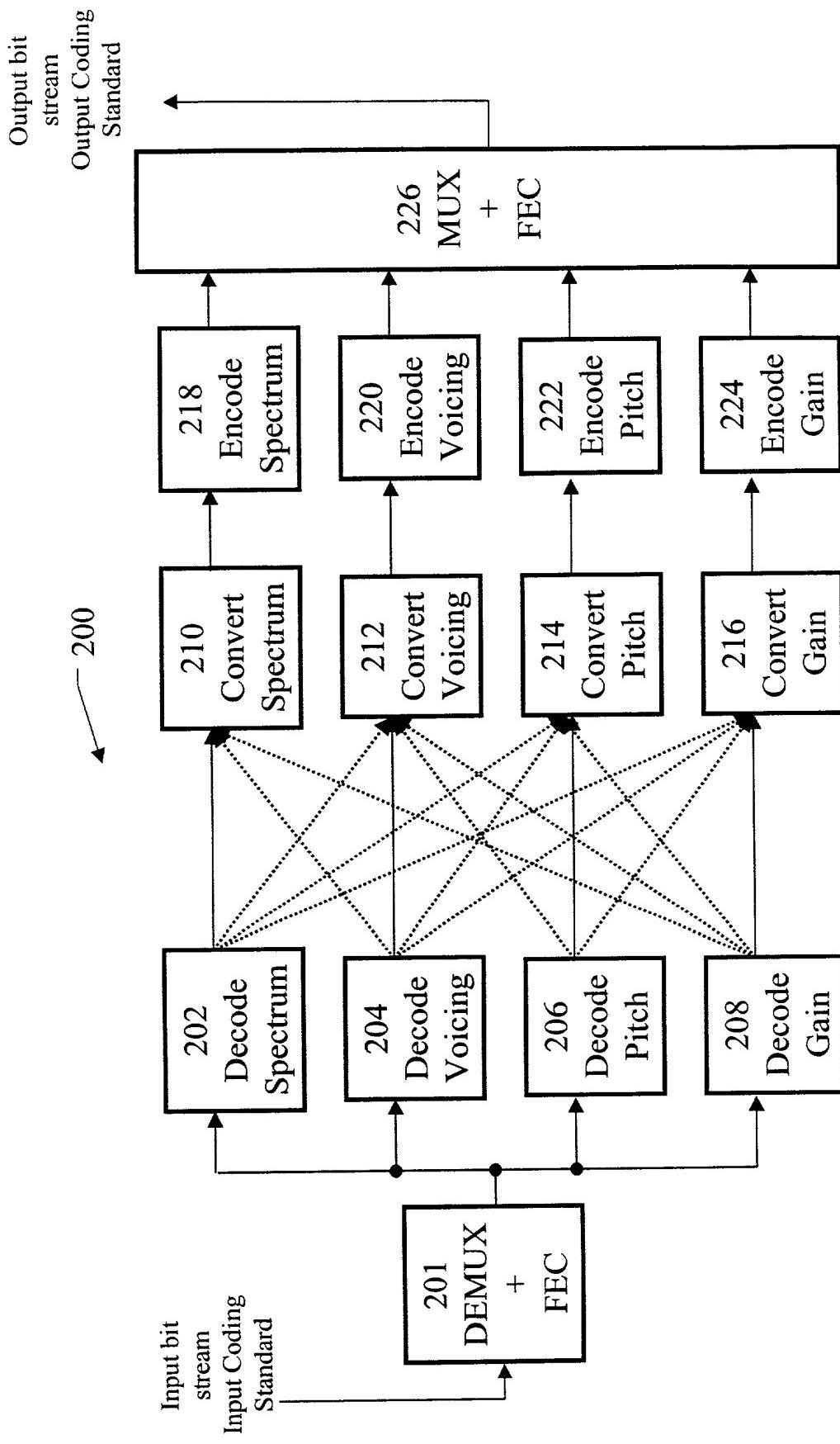
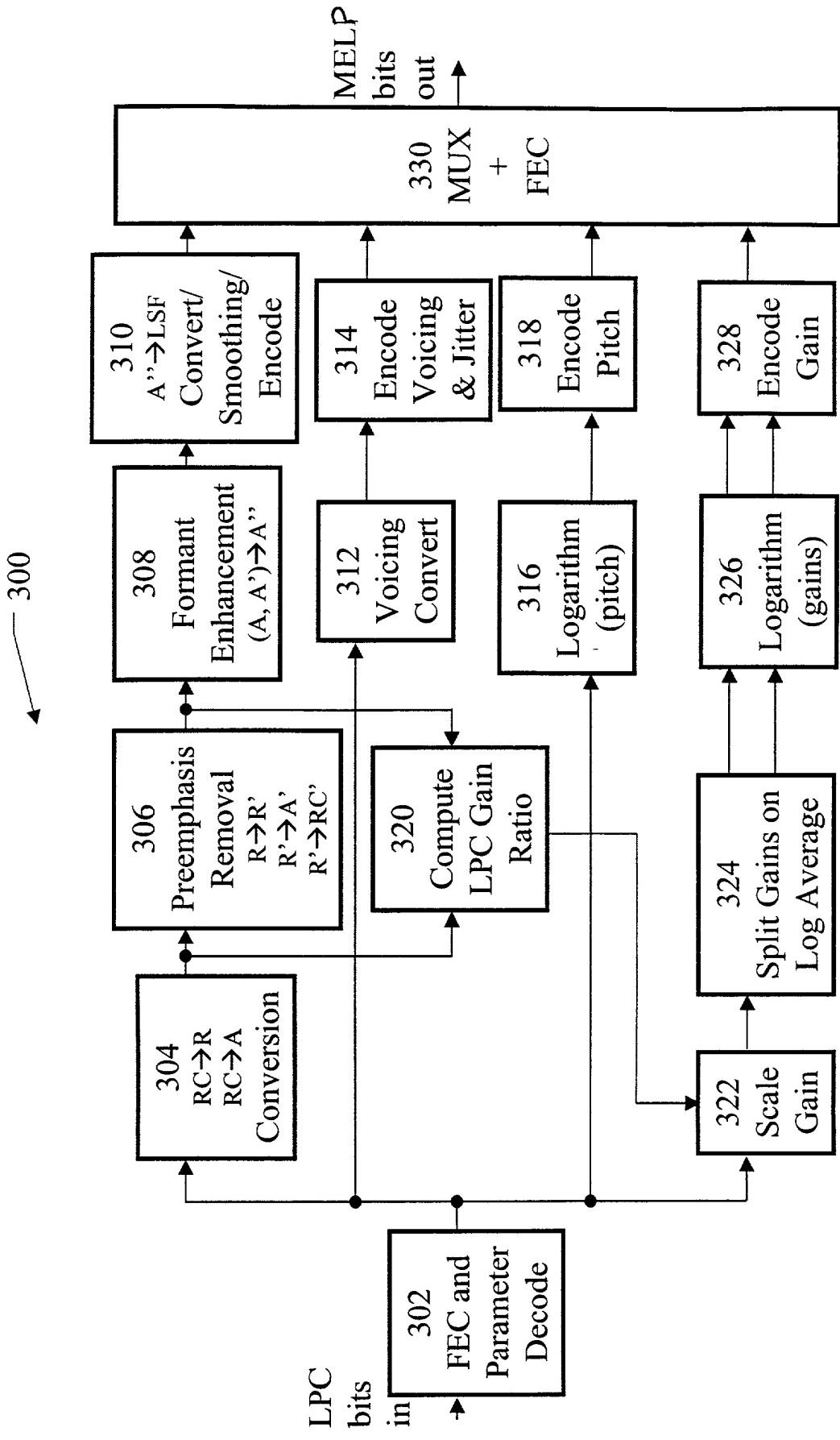


Figure 2: Universal Transcoder

Figure 3: LPC to MELP Transcoder



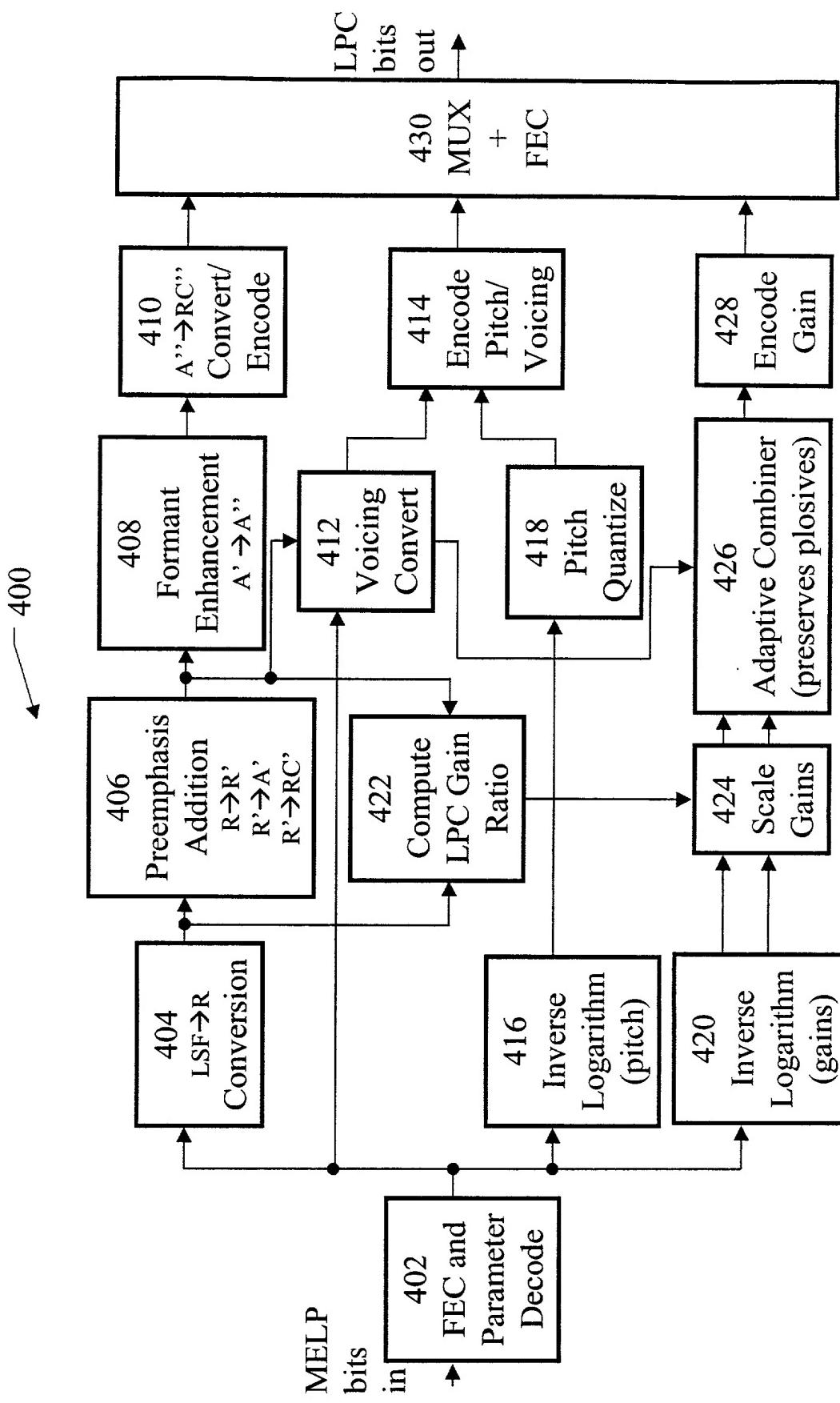
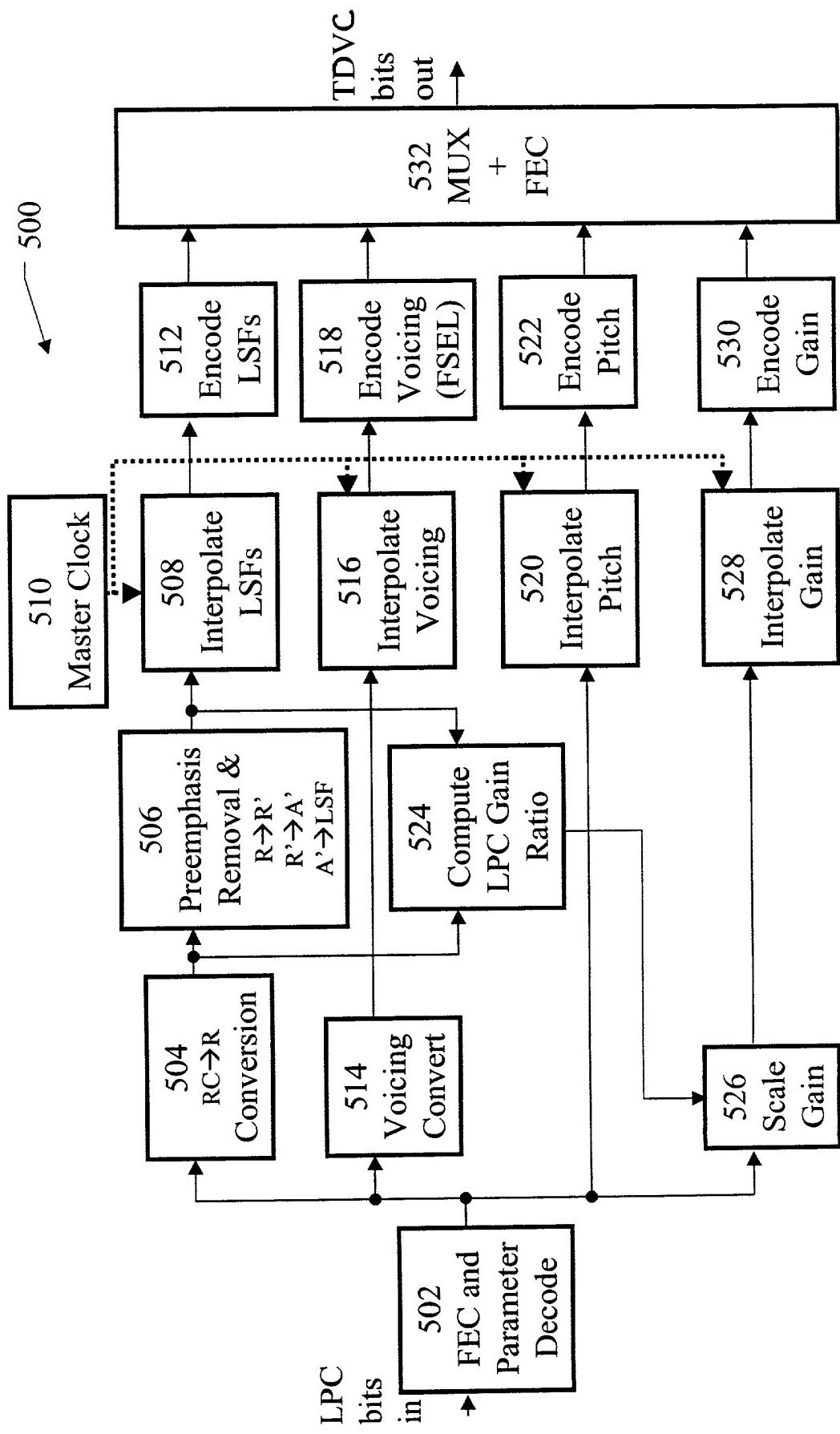


Figure 4: MELP to LPC-10 Transcoder

Figure 5: LPC-10 to TDVC Transcoder



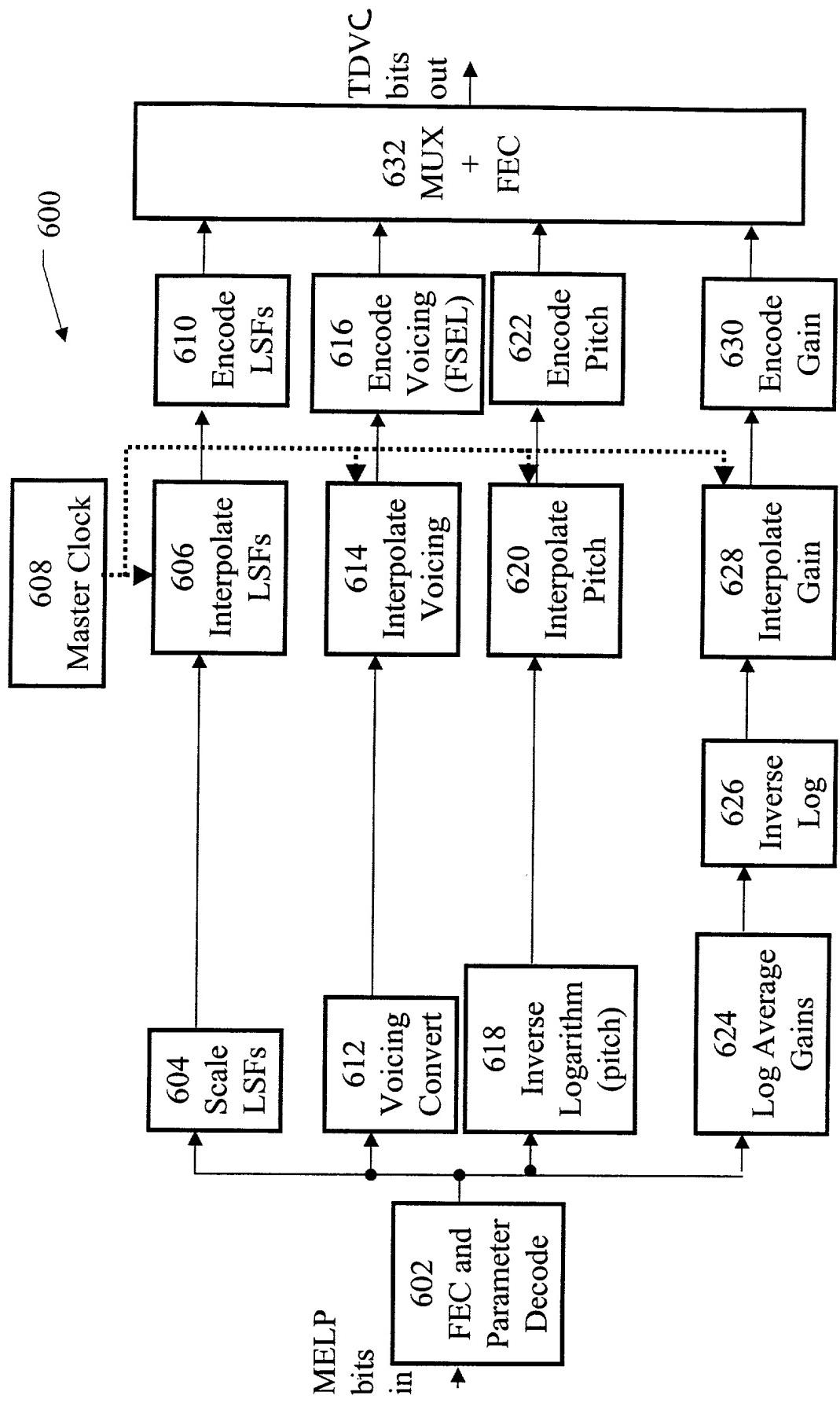


Figure 6: MELP to TDVC Transcoder

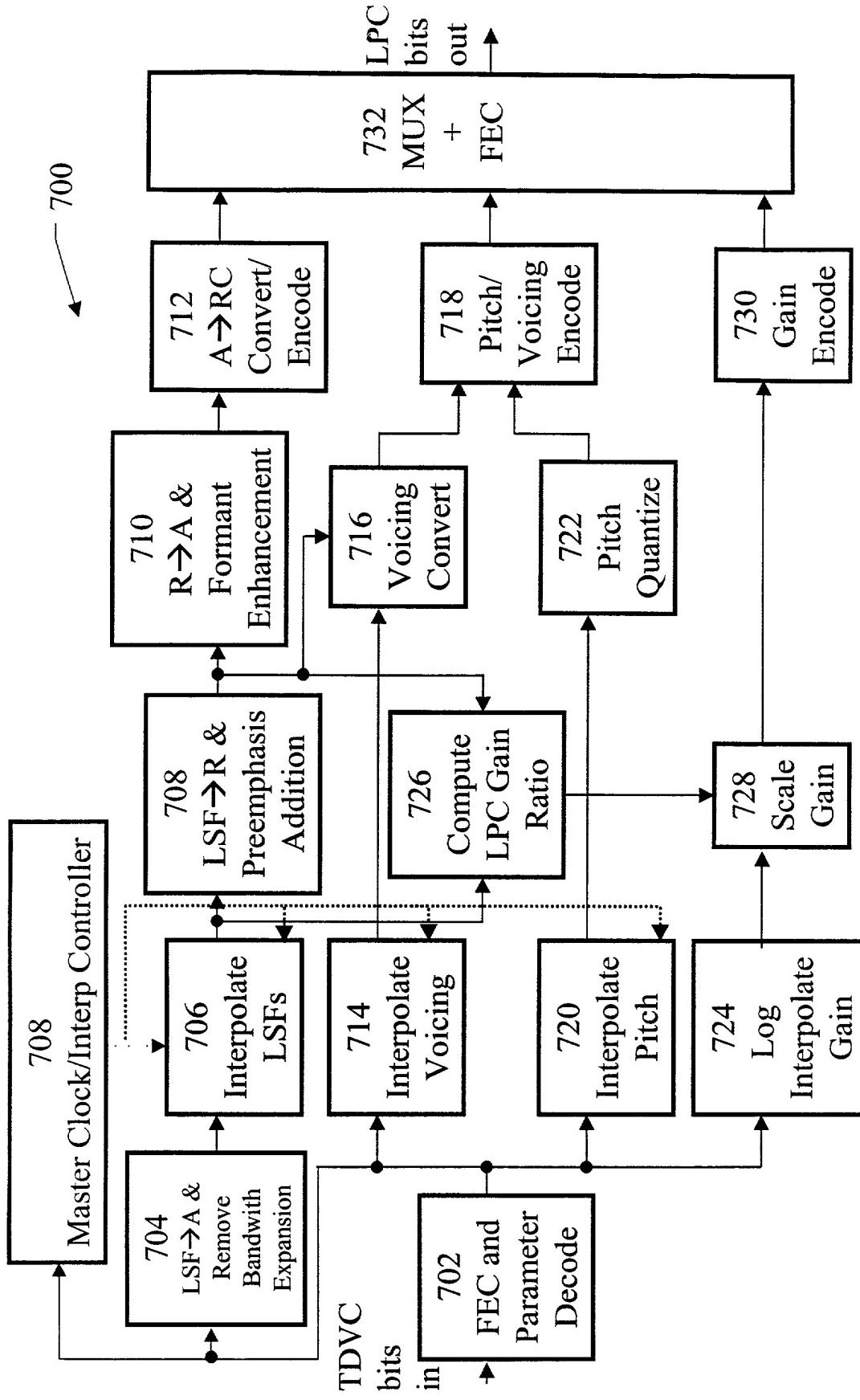


Figure 7: TDVVC to LPC-10 Transcoder

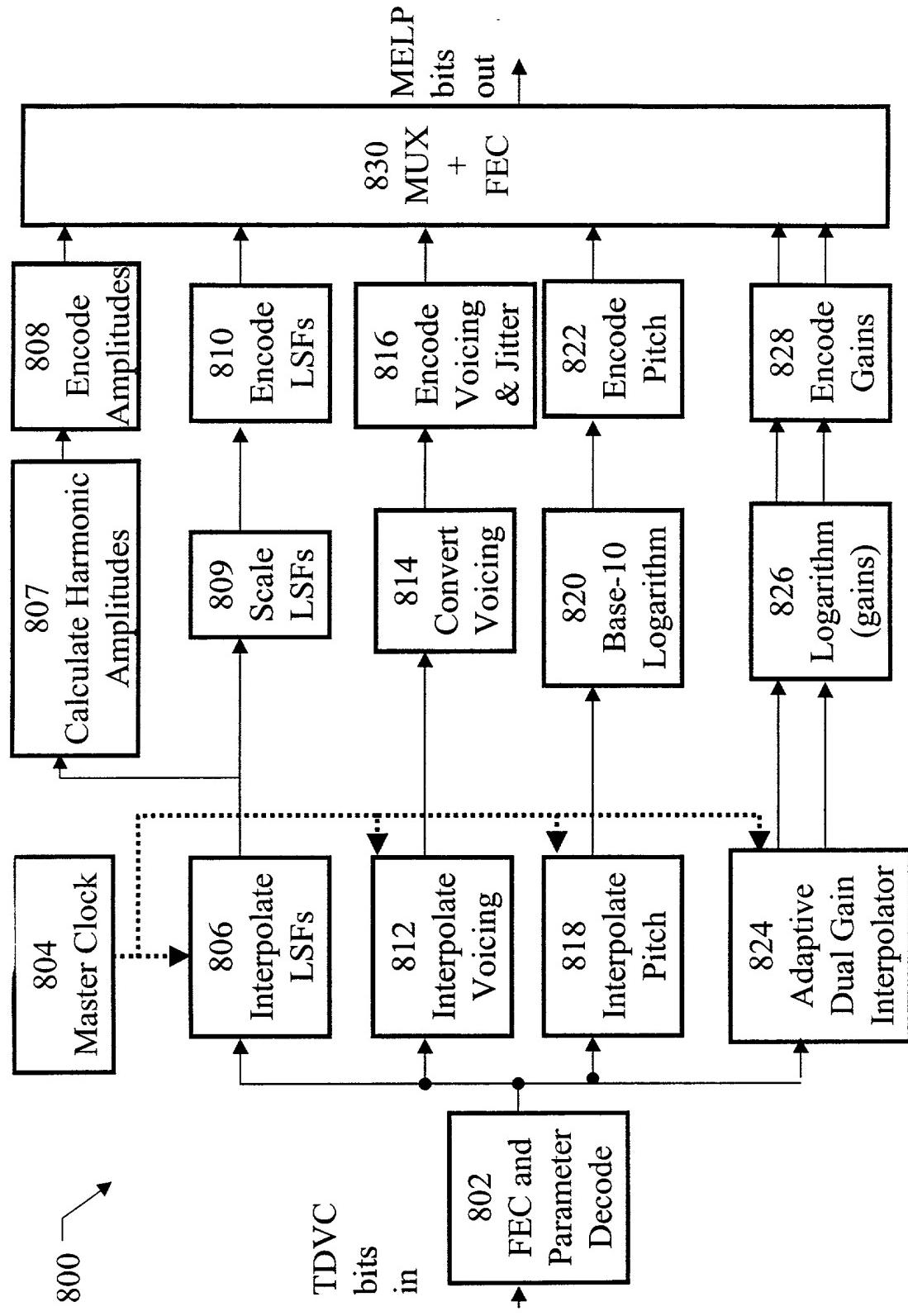


Figure 8: TDVC to MELP Transcoder

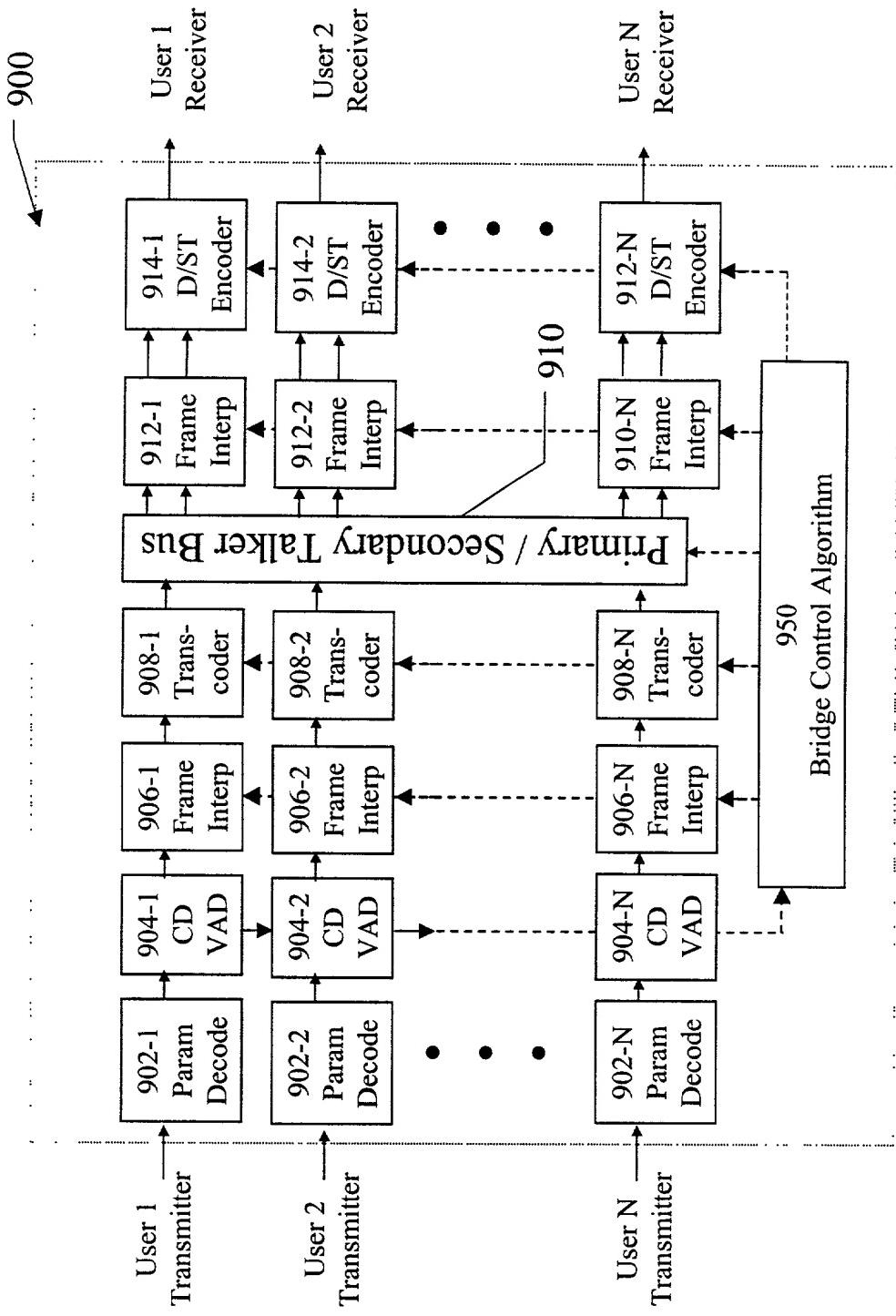


Figure 9: Compressed Domain Conference Bridge

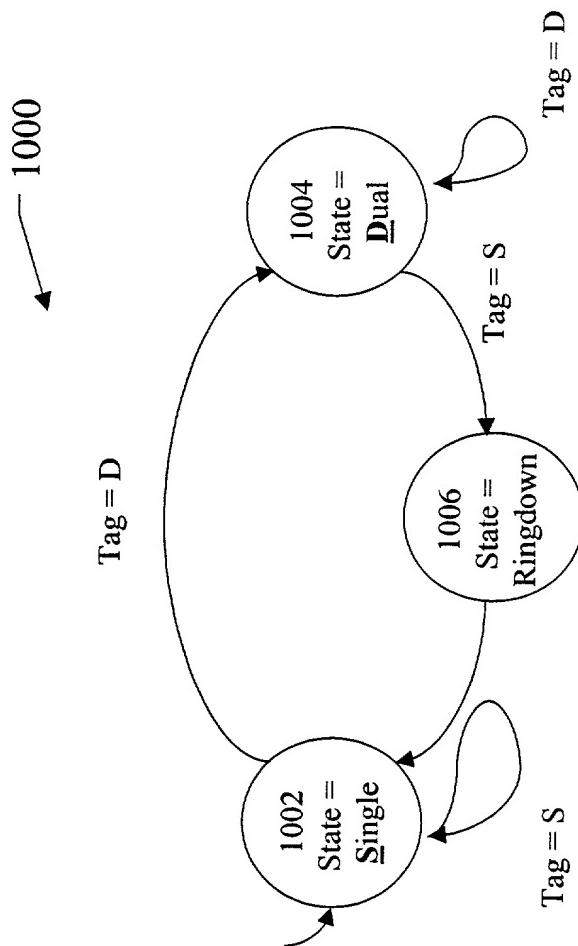
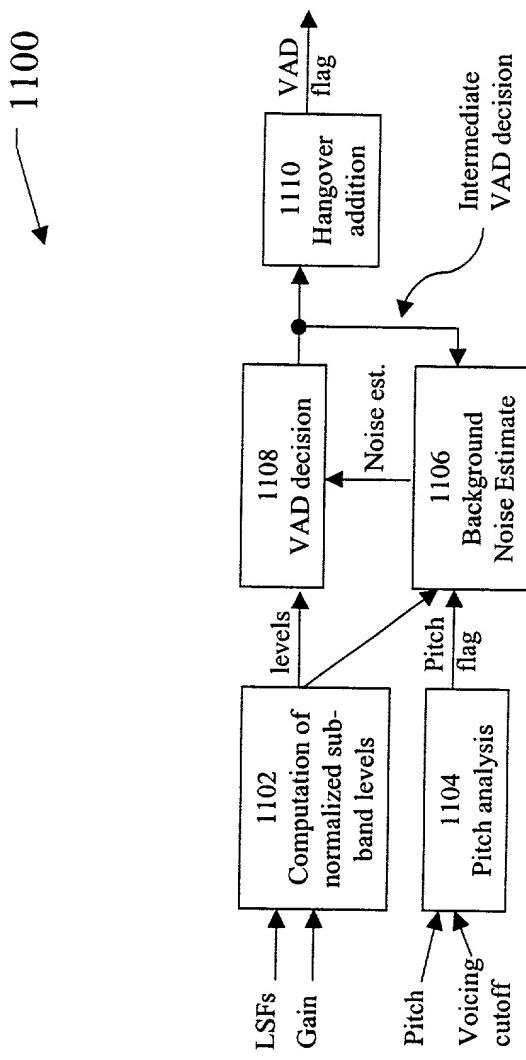


Figure 10: Dual Synthesizer State Diagram

Figure 11: Compressed Domain Voice Activation Detector (CDVAD)



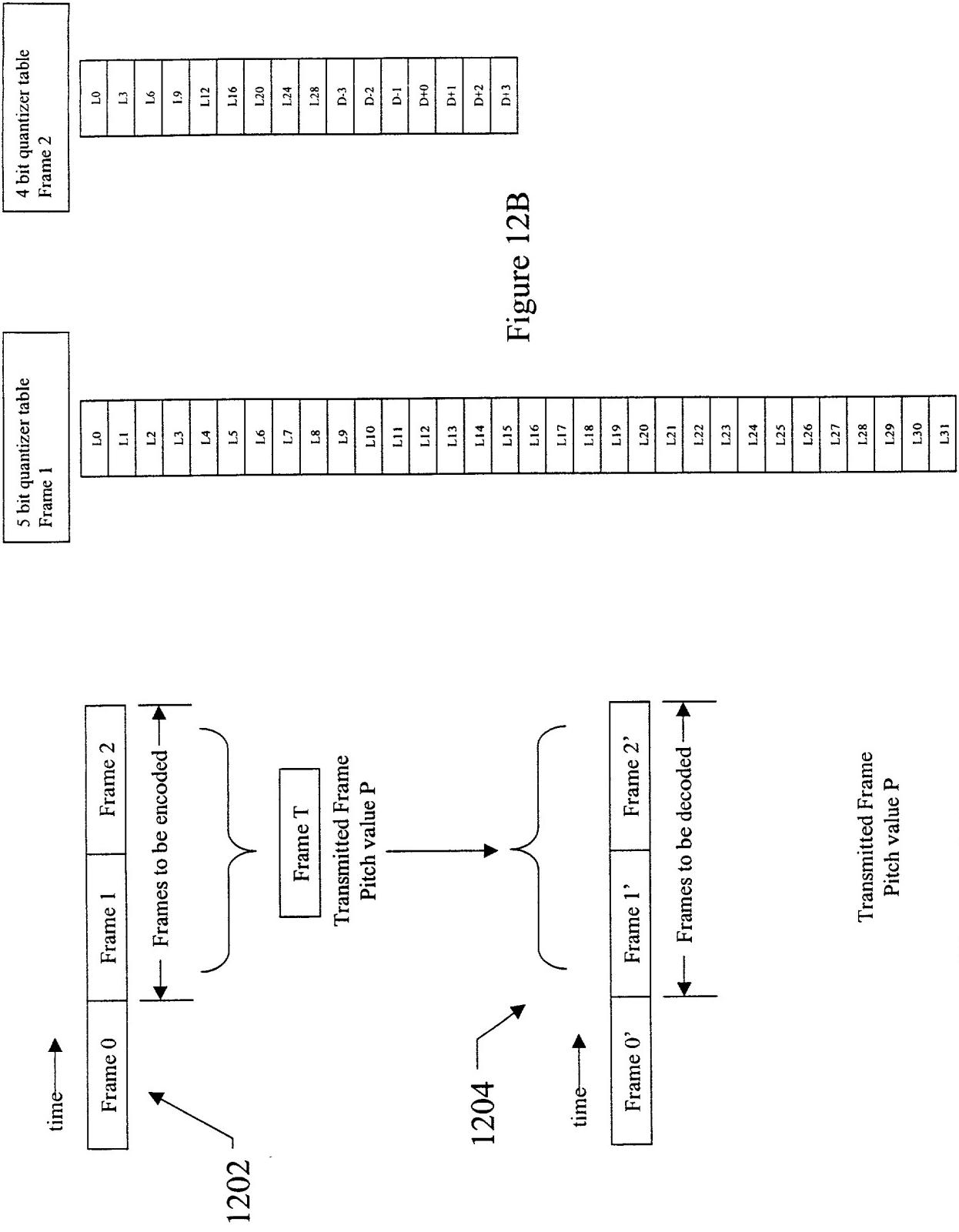


Figure 12A

Figure 12B